

**Notice of Allowability**

Application No.

10/501,134

Examiner

Sharad Rampuria

Applicant(s)

CRAMBY ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/25/05.
2. ☒ The allowed claim(s) is/are 1-61.
3. ☒ The drawings filed on 13 July 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

***Allowable Subject Matter***

I. The following is an examiner's statement of reasons for allowance:

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Willars et al. disclose a telecommunications and more particularly to communication protocols in a mobile radio network.

Laiho et al. disclose SRNS Relocation in a UMTS network and more particularly to the transfer of radio resources between a SRNS and a target RNS during such Relocation, and a RNC, the Relocation Required message containing a RRC Initialization Information container which is incorporated transparently by the core network into the Relocation Request message, and the RRC Initialization Information container in turn containing information enabling a mapping to be made between RABs and RBs for the UE.

Longoni et al. disclose a virtual radio access network access server (RNAS) which is able to operate as an interworking unit between the base stations and other radio access elements as well as core network.

Wiberg et al. disclose a method for broadcasting system information in a cellular communications network.

Widegren et al. disclose a flexible radio access and resource allocation in a Universal Mobile Telephone System (UMTS).

Rajaniemi et al. disclose a method of implementing control signaling in a telecommunication system comprising at least one terminal and one telecommunication network, the telecommunication network comprising at least one access network and one or

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more core networks. Within a certain time, the terminal determines the detected control signaling needs and transmits a request for maintaining a radio connection to the telecommunication network if several control signaling are to be carried out. The control signaling is carried out successively between the terminal and one or more core networks without releasing the radio connection between the terminal and the access network.

Chen et al. disclose a method of adaptively allocating resources at a base station to maximize the wireless communication device standby time in a system using a quick paging channel.

Taylor et al. disclose a radiotelephone systems and more specifically to radiotelephone systems which page subscribers to establish a communication link.

Tuomainen et al. disclose a mobile station is set in standby mode during reception of information sent from a general packet radio service (GPRS) switched network either at intervals during the paging period to maintain synchronization to the packet switched network or at the end of the paging period to synchronize with packet switched network.

Huusko et al. disclose a mobility management in cordless communications systems and specifically to location updating in a cellular radio access network.

Abdesselem et al. disclose a method of scheduling the time of transmission of one or more GPRS paging blocks in a cell of a cellular communications system, the paging blocks initiating communication to a mobile terminal in a cellular communications system, comprising calculating the transmission time of the paging block, or the transmission times of the paging blocks, in dependence on: (i) the number N determining which control channel carries the paging blocks of a given terminal; (ii) the number M of GPRS paging blocks on the control channel; (iii)

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the number KC of control channels in the cell of the cellular communications system; and (iv) the International Mobile Subscriber Identity (IMSI) number of the mobile terminal.

Park et al. disclose a method for transmitting a radio resource control (RRC) message in an asynchronous mobile communication system; and, more particularly to a method for transmitting a radio resource control (RRC) message between an asynchronous mobile station and an asynchronous mobile network regardless of an operating type of a core network.

Therefore, all of the above prior art fails to disclose *mapping said paging parameter of said CN associated parameter set to a paging parameter of a RAN associated parameter set.*

Claims 1-61 are allowed based on Ruohonen [US 6377803] in view of Wallentin et al. [US 6292667].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharad Rampuria whose telephone number is (571) 272-7870. The examiner can normally be reached on Mon-Fri. (8:15-4:45).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (571) 272-7872. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://portal.uspto.gov/external/portal/pair>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or [EBC@uspto.gov](mailto:EBC@uspto.gov).

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Examiner  
Art Unit 2683

August 18, 2005



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